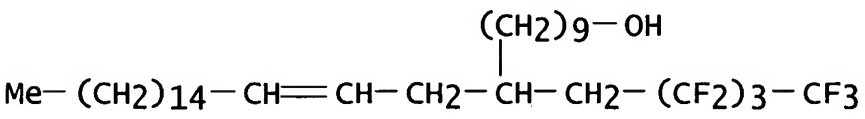
```
=>
=> d his; d tot ibib abs hitstr

     (FILE 'HOME' ENTERED AT 10:04:17 ON 07 AUG 2006)

     FILE 'REGISTRY' ENTERED AT 10:05:54 ON 07 AUG 2006
L1             SCREEN 963 AND 1015
L2             SCREEN 1953
L3             STRUCTURE UPLOADED
L4             QUE L3 AND L1 NOT L2
L5          479 S L4 FUL

     FILE 'USPATFULL' ENTERED AT 10:06:27 ON 07 AUG 2006
L6           19 S L5
L7      1599249 S PY>2001
L8           17 S L6 NOT L7


L8   ANSWER 1 OF 17  USPATFULL on STN
ACCESSION NUMBER:        1998:142059  USPATFULL
TITLE:                   Fluoroalkylcarboxylic acid and derivative
thereof
INVENTOR(S):             Kai, Yoshiaki, Neyagawa, Japan
PATENT ASSIGNEE(S):      Matsushita Electric Industrial Co., Ltd.,
Japan
                         (non-U.S. corporation)

                              NUMBER        KIND    DATE
                         ---------------- ------ --------
PATENT INFORMATION:      US 5820665                19981013
APPLICATION INFO.:       US 1997-864427            19970528  (8)
RELATED APPLN. INFO.:    Division of Ser. No. US 1996-601360, filed on
16 Feb
                         1996, now patented, Pat. No. US 5669964

                               NUMBER         DATE
                         ------------------ --------
PRIORITY INFORMATION:    JP 1995-28486      19950216
                         JP 1995-186798     19950724
DOCUMENT TYPE:           Utility
FILE SEGMENT:            Granted
PRIMARY EXAMINER:        Brunsman, David
LEGAL REPRESENTATIVE:    Wenderoth, Lind & Ponack
NUMBER OF CLAIMS:        4
EXEMPLARY CLAIM:         1,4
NUMBER OF DRAWINGS:      4 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT:              769
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB     An object of the present invention is to provide a compound
which
       imparts a sufficient water repellency and a suitable oil
repellency to
       substrates such as a fiber, a paper, a wood material, a hide,
a leather,
```

a resin, a glass, a metal, etc. The compound of the present invention is a fluoroalkylcarboxylic acid of the general formula (I), and its derivative of the general formula (II) (e.g. fluoroalkyl alcohol, fluoroalkyl carboxylic acid chloride, fluoroalkylcarboxylic acid amide and fluoroalkylamine). ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 185033-95-8P
(preparation of fluoroalkyl carboxylic acids and their derivs. as water repellents with moderate oil repellency)
RN 185033-95-8 USPATFULL
CN 12-Octacosen-1-ol, 10-(2,2,3,3,4,4,5,5,5-nonafluoropentyl)- (9CI) (CA INDEX NAME)



L8 ANSWER 2 OF 17 USPATFULL on STN
ACCESSION NUMBER: 97:86083 USPATFULL
TITLE: Fluoralkycarboxylic acid and derivative thereof
INVENTOR(S): Kai, Yoshiaki, Neyagawa, Japan
PATENT ASSIGNEE(S): Matsushita Electric Industrial Co., Ltd., Japan
(non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5669964		19970923	
APPLICATION INFO.:	US 1996-601360		19960216	(8)

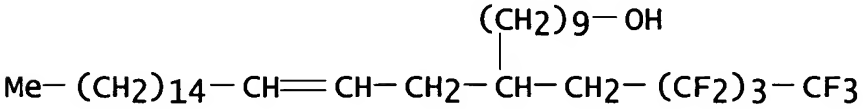
	NUMBER	DATE
PRIORITY INFORMATION:	JP 1995-28486	19950216
	JP 1995-186798	19950724

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Brunsman, David
LEGAL REPRESENTATIVE: Wenderoth, Lind & Ponack
NUMBER OF CLAIMS: 1
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 744
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB An object of the present invention is to provide a compound which

imparts a sufficient water repellency and a suitable oil repellency to substrates such as a fiber, a paper, a wood material, a hide, a leather, a resin, a glass, a metal, etc.

The compound of the present invention is a fluoroalkylcarboxylic acid of the general formula (I), and its derivative of the general formula (II) (e.g. fluoroalkyl alcohol, fluoroalkyl carboxylic acid chloride, fluoroalkylcarboxylic acid amide and fluoroalkylamine).
##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 185033-95-8P
(preparation of fluoroalkyl carboxylic acids and their derivs. as water repellents with moderate oil repellency)
RN 185033-95-8 USPATFULL
CN 12-Octacosen-1-ol, 10-(2,2,3,3,4,4,5,5,5-nonafluoropentyl)- (9CI) (CA INDEX NAME)



L8 ANSWER 3 OF 17 USPATFULL on STN
ACCESSION NUMBER: 94:93582 USPATFULL
TITLE: Switching device
INVENTOR(S): Eguchi, Ken, Atsugi, Japan
Sakai, Kunihiro, Yamato, Japan
Kawada, Haruki, Atsugi, Japan
Matsuda, Hiroshi, Yokohama, Japan
Morikawa, Yuko, Kawasaki, Japan
Nakagiri, Takashi, Tokyo, Japan
Hamamoto, Takashi, Yokohama, Japan
Kuribayashi, Masaki, Inagi, Japan
PATENT ASSIGNEE(S): Canon Kabushiki Kaisha, Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5359204		19941025
APPLICATION INFO.:	US 1992-964481		19921021 (7)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1991-662389, filed on 19 Feb 1991, now abandoned which is a continuation of Ser. No. US 1987-106271, filed on 9 Oct 1987, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1986-243684	19861013
	JP 1986-309431	19861224
	JP 1987-133157	19870527

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Crane, Sara W.
LEGAL REPRESENTATIVE: Fitzpatrick, Cella Harper & Scinto
NUMBER OF CLAIMS: 72
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 17 Drawing Figure(s); 8 Drawing Page(s)
LINE COUNT: 1233
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A switching device is characterized by having periodical layer structure of an organic insulator between a pair of electrodes and having memorizability with respect to switching characteristic. The layer structure is formed of an amphiphilic compound according to the LB method.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 117580-81-1, 10,12-Pentacosadienoic acid
(organic, with π- and σ-level electrons for switching elements)
RN 117580-81-1 USPATFULL
CN 10,12-Pentacosadienoic acid (9CI) (CA INDEX NAME)

L8 ANSWER 4 OF 17 USPATFULL on STN
ACCESSION NUMBER: 94:75653 USPATFULL
TITLE: Skin treatment composition
INVENTOR(S): Bowser, Paul A., Merseyside, England
Froling, Albert, Vlaardingen, Netherlands
Heslinga, Lammert, Maassluis, Netherlands
Houtsmuller, Udo M. T., Vlaardingen, Netherlands
Nugteren, Diederik H., Rhoon, Netherlands
Pabon, Hendrik J. J., Louise de Colignylaan, Netherlands
Prottey, Colin, Merseyside, England
PATENT ASSIGNEE(S): Elizabeth Arden Co., Division of Conopco, Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5342976		19940830

10/518,091

APPLICATION INFO.: US 1992-966771 19921027 (7)
RELATED APPLN. INFO.: Division of Ser. No. US 1990-541993, filed on 21 Jun 1990, now patented, Pat. No. US 5202357 which is a continuation-in-part of Ser. No. US 1983-505005, filed on 16 Jun 1983, now patented, Pat. No. US 4950688

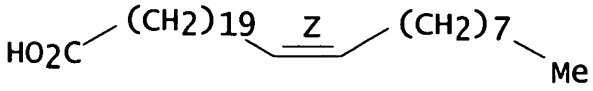
	NUMBER	DATE
PRIORITY INFORMATION:	GB 1982-17413	19820616
	GB 1982-17414	19820616
	GB 1982-20442	19820714

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Ore, Dale R.
LEGAL REPRESENTATIVE: Honig, Milton L.
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
LINE COUNT: 1014
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition suitable for topical application to human skin comprises, in addition to a suitable vehicle an active ingredient which can control skin barrier functions. The active ingredient is (a) a long chain ω-hydroxy fatty acid or a carboxy-substituted derivative, (b) an hydroxy-or epoxy-derivative of an essential fatty acid or an ester formed between (a) and (b). Certain novel compounds of structures (a), (b) and (a)(b) esters are also claimed.

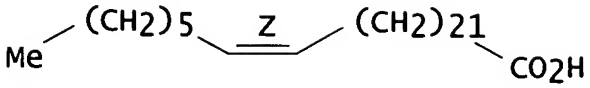
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 67329-09-3 89022-39-9 89022-40-2
89022-41-3
(for topical cosmetic and pharmaceutical compns.)
RN 67329-09-3 USPATFULL
CN 21-Triacontenoic acid, (21Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



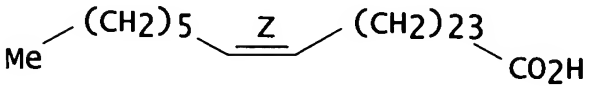
RN 89022-39-9 USPATFULL
CN 23-Triacontenoic acid, (23Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



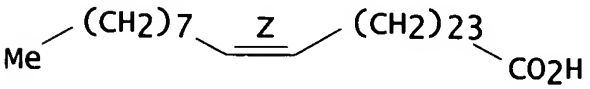
RN 89022-40-2 USPATFULL
CN 25-Dotriacontenoic acid, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 89022-41-3 USPATFULL
CN 25-Tetratriacontenoic acid, (25Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L8 ANSWER 5 OF 17 USPATFULL on STN
ACCESSION NUMBER: 93:105601 USPATFULL
TITLE: Method of driving device having metal-insulator-metal(mim)structure
INVENTOR(S): Yanagisawa, Yoshihiro, Atsugi, Japan
Kawade, Hisaaki, Atsugi, Japan
Sakai, Kunihiro, Isehara, Japan
Matsuda, Hiroshi, Isehara, Japan
Kawada, Haruki, Yokohama, Japan
Takimoto, Kiyoshi, Kawasaki, Japan
Morikawa, Yuko, Kawasaki, Japan
Eguchi, Ken, Yokohama, Japan
PATENT ASSIGNEE(S): Canon Kabushiki Kaisha, Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5270965		19931214
APPLICATION INFO.:	US 1993-58802		19930510 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1992-873613, filed on 22 Apr 1992, now abandoned which is a continuation of Ser. No. US 1991-666479, filed on 6 Mar 1991, now abandoned which is a continuation of Ser. No. US 1989-328564,

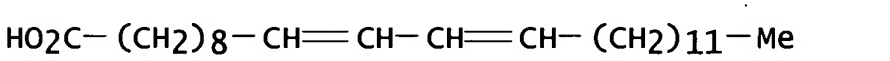
10/518,091

filed on 24 Mar 1989, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1988-71763	19880328

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Bowler, Alyssa H.
ASSISTANT EXAMINER: Lane, Jack A.
LEGAL REPRESENTATIVE: Fitzpatrick, Cella, Harper & Scinto
NUMBER OF CLAIMS: 55
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 9 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 823
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A method of driving a device having a pair of electrodes and organic insulating layer sandwiched therebetween. The device exhibits at least three states of different electroconductivities in response to an applied voltage. A transition from the first state to the second state is achieved by applying a voltage within a first predetermined range to the device in the first state, and a transition from the second state to the third state is achieved by applying a voltage within a second predetermined range to the device in the second state.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 117580-81-1, 10,12-Pentacosadienoic acid
(insulating layers, for MIM devices)
RN 117580-81-1 USPATFULL
CN 10,12-Pentacosadienoic acid (9CI) (CA INDEX NAME)



L8 ANSWER 6 OF 17 USPATFULL on STN
ACCESSION NUMBER: 93:63066 USPATFULL
TITLE: Process of directly imaging a thermosensitive polyacetylene salt dyes
INVENTOR(S): Lewis, David F., Monroe, CT, United States
Hornby, John C., Washington Township, NJ, United States
PATENT ASSIGNEE(S): ISP Investments Inc., Wilmington, DE, United States
(U.S. corporation)

NUMBER	KIND	DATE

10/518,091

PATENT INFORMATION: US 5232820 19930803
APPLICATION INFO.: US 1992-848493 19920309 (7)
RELATED APPLN. INFO.: Division of Ser. No. US 1991-670623, filed on 18 Mar
1991, now patented, Pat. No. US 5137964
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Michl, Paul R.
ASSISTANT EXAMINER: Yoon, Tae H.
LEGAL REPRESENTATIVE: Maue, Marilyn J., Ward, Joshua J.
NUMBER OF CLAIMS: 12
EXEMPLARY CLAIM: 1
LINE COUNT: 434
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention relates to novel thermochromic quaternized polyacetylene salt derivatives which are visually imageable by exposure to a light source generating energy in a wavelength of from about 400 nm to about 1500 nm said salt derivative having a thermosensitivity of at least 50° C. and defined by the formula ##STR1## or a homopolymer thereof wherein X is the N-quaternized monovalent radical of a dye having an optical absorbance in a wavelength of from about 400 nm to about 1500 nm; V is the cationic residue of a carboxyl, sulfonate, thioate, thiolic, thionic or phosphonate radical; n has a value of from 2 to 4 and X' is hydrogen, C.sub.4 to C.sub.25 alkyl, a polar hydrophilic group which promotes hydrogen bonding containing a radical of the group of an amino, amido, hydroxy, ester, ether, phenol, carboxy, halo, sulfonyl, sulfoxy, sulfinyl, silyl, silyoxy, phosphoro, phosphate, keto, carbamate, aldehyde, urea, urethane, a metal salt group or X' is selected from the group defined for X.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 144574-04-9P
(preparation of, as thermochromic dye for high resolution imaging or digital data recording)
RN 144574-04-9 USPATFULL
CN Benzothiazolium, 3-ethyl-2-[7-(3-ethyl-2(3H)-benzothiazolylidene)-1,3,5-heptatrienyl]-, iodide, 10,12-pentacosadiynoate (9CI) (CA INDEX NAME)

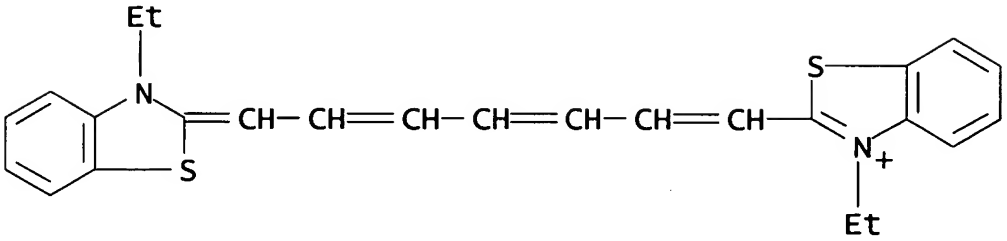
CM 1

CRN 66990-32-7
CMF C25 H42 O2

$HO_2C-(CH_2)_8-C\equiv C-C\equiv C-(CH_2)_{11}-Me$

CM 2

CRN 3071-70-3
CMF C25 H25 N2 S2 . I

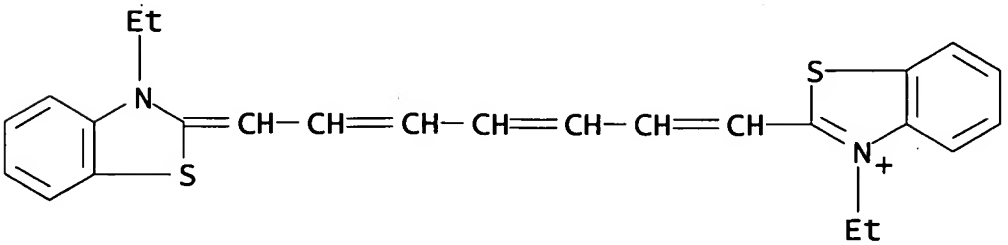


● I^-

IT 145228-84-8DP, salts with diethylthiatricarbocyanine iodide
(preparation of, as thermochromic dye for laser imaging)
RN 145228-84-8 USPATFULL
CN Benzothiazolium,
3-ethyl-2-[7-(3-ethyl-2(3H)-benzothiazolylidene)-1,3,5-heptatrienyl]-, iodide, salt with 10,12-pentacosadiynoic acid homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 3071-70-3
CMF C25 H25 N2 S2 . I



● I^-

CM 2

CRN 146311-75-3
CMF (C25 H41 O2)x
CCI PMS

CM 3

CRN 146311-74-2
CMF C25 H41 O2

$^{-}O_2C-(CH_2)_8-C\equiv C-C\equiv C-(CH_2)_{11}-Me$

L8 ANSWER 7 OF 17 USPATFULL on STN
ACCESSION NUMBER: 93:57044 USPATFULL
TITLE: Cosmetic composition
INVENTOR(S): Hagan, Desmond B., South Wirral, Great Britain
Joiner, Andrew, Liverpool, Great Britain
Curtis, Richard J., Wirral, Great Britain
PATENT ASSIGNEE(S): Chesebrough Pond's USA Co., Division of Conopco, Inc.,
Greenwich, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5227503		19930713
APPLICATION INFO.:	US 1992-853377		19920318 (7)

RELATED APPLN. INFO.: Division of Ser. No. US 1991-655518, filed on 13 Feb 1991, now patented, Pat. No. US 5108751

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1990-3201	19900213

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Dees, Jose G.
ASSISTANT EXAMINER: Com, Deborah D.
LEGAL REPRESENTATIVE: Honig, Milton L.
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
LINE COUNT: 952
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention concerns 2-hydroxyalkenoic acids within a general formula
##STR1## where R' is chosen from: a. C.sub.w H.sub.2w,

b. C.sub.y H.sub.2y-1, and

c. C.sub.y H.sub.2y OZ

where Z is chosen from H, R" and (CH.sub.2).sub.n OR"

R" is chosen from C.sub.m H.sub.2m+1 and (CH.sub.2).sub.n OC.sub.m H.sub.2m+1 ;

w is an integer of from 1 to 25

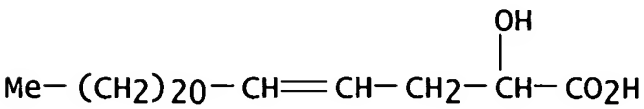
y is an integer of from 2 to 25

m is an integer of from 1 to 4

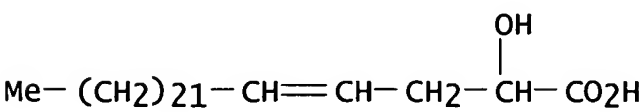
n is an integer of from 1 to 6

Many compounds within the formula are novel and are claimed as such. The invention also provides a process for making the compounds, and compositions for topical application to human skin, hair or nails which contain compounds of the above formula and a cosmetically acceptable vehicle.

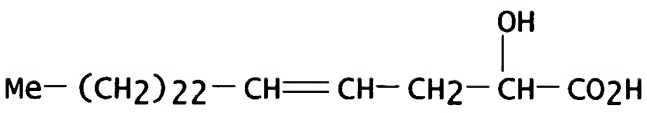
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 137055-66-4, 2-Hydroxy-4-hexacosenoic acid 137055-67-5, 2-Hydroxy-4-heptacosenoic acid 137055-68-6, 2-Hydroxy-4-octacosenoic acid 137055-69-7, 2-Hydroxy-4-nonacosenoic acid 137055-70-0
(skin and hair prepns. containing)
RN 137055-66-4 USPATFULL
CN 4-Hexacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



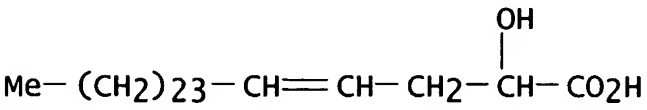
RN 137055-67-5 USPATFULL
CN 4-Heptacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



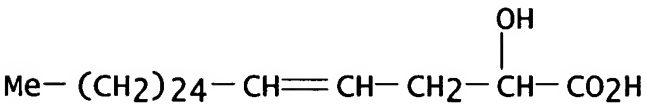
RN 137055-68-6 USPATFULL
CN 4-Octacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



RN 137055-69-7 USPATFULL
CN 4-Nonacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



RN 137055-70-0 USPATFULL
CN 4-Triacontenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



L8 ANSWER 8 OF 17 USPATFULL on STN
ACCESSION NUMBER: 93:29235 USPATFULL
TITLE: Skin treatment composition
INVENTOR(S): Bowser, Paul A., Merseyside, England
Froling, Albert, Vlaardingen, Netherlands
Heslinga, Lammert, Maassluis, Netherlands
Houtsmuller, Udo M. T., Vlaardingen, Netherlands
Nugteren, Diederik H., Rhoon, Netherlands
Pabon, Hendrik J. J., Vlaardingen, Netherlands
Prottey, Colin, Merseyside, England
PATENT ASSIGNEE(S): Lever Brothers Company, Division of Conopco, Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5202357		19930413
APPLICATION INFO.:	US 1990-541993		19900621 (7)

DISCLAIMER DATE: 20070821
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1983-505005, filed on 16 Jun 1983, now patented, Pat. No. US 4950688

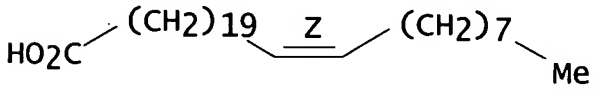
	NUMBER	DATE
PRIORITY INFORMATION:	GB 1982-17413	19820616
	GB 1982-17414	19820616
	GB 1982-20442	19820714

10/518,091

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Ore, Dale R.
LEGAL REPRESENTATIVE: Honig, Milton L.
NUMBER OF CLAIMS: 7
EXEMPLARY CLAIM: 1
LINE COUNT: 1043
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A composition suitable for topical application to human skin comprises, in addition to a suitable vehicle an active ingredient which can control skin barrier functions. The active ingredient is (a) a long chain ω-hydroxy fatty acid or a carboxy-substituted derivative, (b) an hydroxy- or epoxy-derivative of an essential fatty acid or an ester formed between (a) and (b). Certain novel compounds of structures (a), (b) and (a)(b) esters are also claimed.

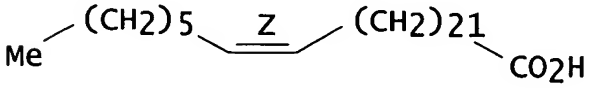
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 67329-09-3 89022-39-9 89022-40-2
89022-41-3
(for topical cosmetic and pharmaceutical compns.)
RN 67329-09-3 USPATFULL
CN 21-Triacontenoic acid, (21Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



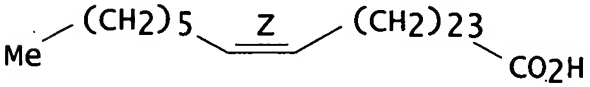
RN 89022-39-9 USPATFULL
CN 23-Triacontenoic acid, (23Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



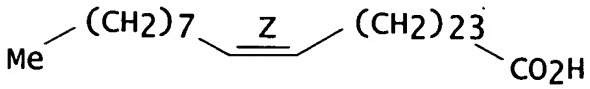
RN 89022-40-2 USPATFULL
CN 25-Dotriacontenoic acid, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 89022-41-3 USPATFULL
CN 25-Tetratriacontenoic acid, (25Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L8 ANSWER 9 OF 17 USPATFULL on STN
ACCESSION NUMBER: 92:66041 USPATFULL
TITLE: Visually imageable polyacetylene salt dyes
INVENTOR(S): Lewis, David F., Monroe, CT, United States
Hornby, John C., Rutherford, NJ, United States
PATENT ASSIGNEE(S): ISP Investments Inc., Wilmington, DE, United States
(U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5137964		19920811	
APPLICATION INFO.:	US 1991-670623		19910318	(7)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Michl, Paul R.
ASSISTANT EXAMINER: Yoon, Tae H.
LEGAL REPRESENTATIVE: Maue, Marilyn J., Ward, Joshua J.
NUMBER OF CLAIMS: 8
EXEMPLARY CLAIM: 1
LINE COUNT: 414
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention relates to novel thermochromic quaternized polyacetylene salt derivatives which are visually imageable by exposure to a light source generating energy in a wavelength of from about 400 nm to about 1500 nm said salt derivatives having a thermosensitivity of at least 50° C. and defined by the formula

XV--C.tbd.C).sub.n X'

or a homopolymer thereof wherein X is the N-quaternized monovalent radical of a dye having an optical absorbance in a wavelength of from about 400 nm to about 1500 nm; V is the cationic residue of a carboxyl, sulfonate, thioate, thiolic, thionic or phosphonate radical; n has a value of from 2 to 4 and X' is hydrogen, C.sub.4 to C.sub.25 alkyl, a

polar hydrophilic group which promotes hydrogen bonding containing a radical of the group of an amino, amido, hydroxy, ester, ether, phenol, carboxy, halo, sulfonyl, sulfoxy, sulfinyl, silyl, silyoxy, phosphoro, phosphate, keto, carbamate, aldehyde, urea, urethane, a metal salt group or X' is selected from the group defined for X.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 144574-04-9P
(preparation of, as thermochromic dye for high resolution imaging or digital data recording)

RN 144574-04-9 USPATFULL

CN Benzothiazolium, 3-ethyl-2-[7-(3-ethyl-2(3H)-benzothiazolylidene)-1,3,5-heptatrienyl]-, iodide, 10,12-pentacosadiynoate (9CI) (CA INDEX NAME)

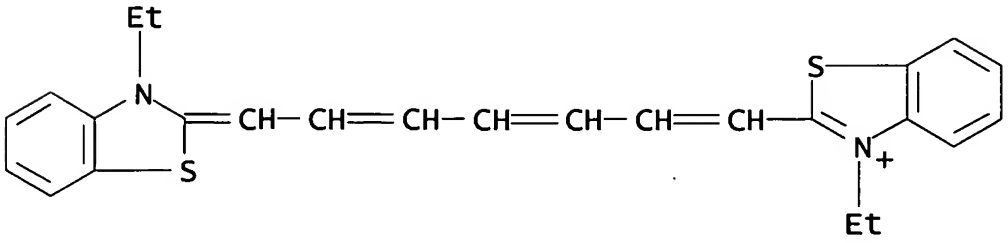
CM 1

CRN 66990-32-7
CMF C25 H42 O2

$HO_2C-(CH_2)_8-C\equiv C-C\equiv C-(CH_2)_{11}-Me$

CM 2

CRN 3071-70-3
CMF C25 H25 N2 S2 . I



● I^-

IT 145228-84-8DP, salts with diethylthiatricarbocyanine iodide
(preparation of, as thermochromic dye for laser imaging)

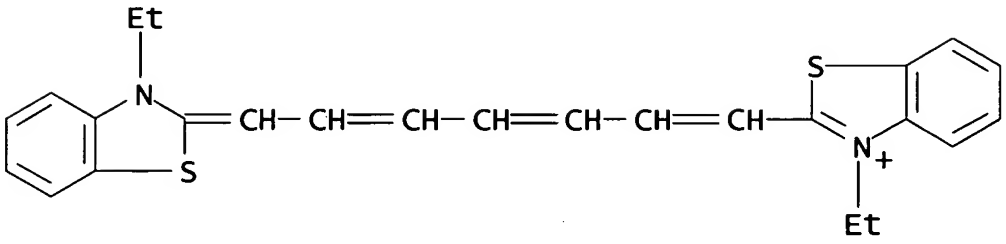
RN 145228-84-8 USPATFULL

CN Benzothiazolium, 3-ethyl-2-[7-(3-ethyl-2(3H)-benzothiazolylidene)-1,3,5-

heptatrienyl]-, iodide, salt with 10,12-pentacosadiynoic acid homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 3071-70-3
CMF C25 H25 N2 S2 . I



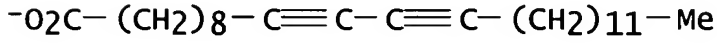
● I^-

CM 2

CRN 146311-75-3
CMF (C25 H41 O2)x
CCI PMS

CM 3

CRN 146311-74-2
CMF C25 H41 O2



L8 ANSWER 10 OF 17 USPATFULL on STN
ACCESSION NUMBER: 92:33913 USPATFULL
TITLE: Cosmetic composition comprising 2-hydroxyalkenoic acids or a mixture thereof
INVENTOR(S): Hagan, Desmond B., South Wirral, Great Britain
Joiner, Andrew, Liverpool, Great Britain
Curtis, Richard J., Wirral, Great Britain
PATENT ASSIGNEE(S): Chesebrough-Pond's USA Co., Division of Conopco, Inc., Greenwich, CT, United States (U.S. corporation)

NUMBER	KIND	DATE

10/518,091

PATENT INFORMATION:	US 5108751	19920428
APPLICATION INFO.:	US 1991-655518	19910213 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1990-3201	19900213

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Page, Thurman K.
ASSISTANT EXAMINER: Colucci, D.
LEGAL REPRESENTATIVE: Honig, Milton L.
NUMBER OF CLAIMS: 8
EXEMPLARY CLAIM: 1
LINE COUNT: 955
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention concerns 2-hydroxyalkenoic acids within a general formula
##STR1## where R' is chosen from:

a. C.sub.w H.sub.2w,

b. C.sub.y H.sub.2y-1, and

c. C.sub.y H.sub.2y OZ

where

z is chosen from H, R" and (CH.sub.2).sub.n OR"

R" is chosen from C.sub.m H.sub.2m+1 and (CH.sub.2).sub.n OC.sub.m H.sub.2m+1 ;

w is an integer of from 1 to 25

y is an integer of from 2 to 25

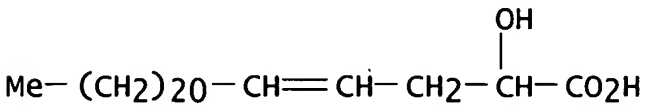
m is an integer of from 1 to 4

n is an integer of from 1 to 6

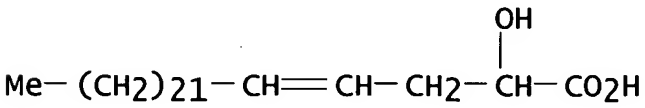
Many compounds within the formula are novel and are claimed as such. The invention also provides a process for making the compounds, and compositions for topical application to human skin, hair or nails which contain compounds of the above formula and a cosmetically acceptable vehicle.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 137055-66-4, 2-Hydroxy-4-hexacosenoic acid 137055-67-5, 2-Hydroxy-4-heptacosenoic acid 137055-68-6, 2-Hydroxy-4-octacosenoic acid 137055-69-7, 2-Hydroxy-4-nonacosenoic acid 137055-70-0

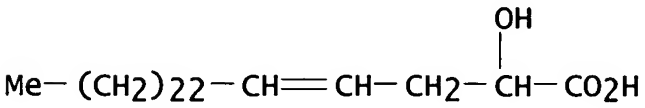
(skin and hair prepns. containing)
RN 137055-66-4 USPATFULL
CN 4-Hexacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



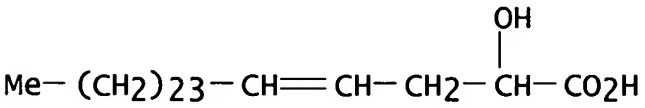
RN 137055-67-5 USPATFULL
CN 4-Heptacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



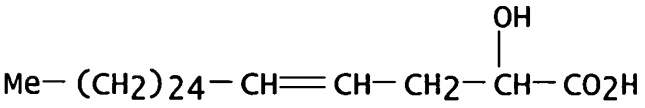
RN 137055-68-6 USPATFULL
CN 4-Octacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



RN 137055-69-7 USPATFULL
CN 4-Nonacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



RN 137055-70-0 USPATFULL
CN 4-Triacontenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



L8 ANSWER 11 OF 17 USPATFULL on STN
ACCESSION NUMBER: 91:92251 USPATFULL
TITLE: Superparamagnetic fluids and methods of making superparamagnetic fluids
INVENTOR(S): Wyman, John E., Westford, MA, United States
PATENT ASSIGNEE(S): Consolidated Chemical Consulting Co., Westford, MA,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5064550		19911112
APPLICATION INFO.:	US 1990-535299		19900608 (7)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1989-357988, filed on 26
May 1989, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Lewis, Michael
ASSISTANT EXAMINER: Kalinchak, Stephen G.
LEGAL REPRESENTATIVE: Finnegan, Henderson, Farabow, Garrett, Dunner
NUMBER OF CLAIMS: 49
EXEMPLARY CLAIM: 1
LINE COUNT: 933

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

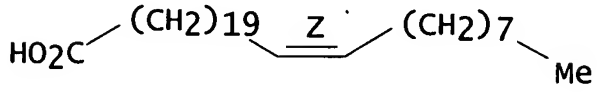
AB A superparamagnetic fluid having a non-polar hydrocarbon oil carrier liquid and coated magnetic particles coated with at least one acid selected from the group consisting of an organic acid containing only carbon and hydrogen atoms in the chain connected to the carboxyl group, wherein the chain contains at least 19 carbon atoms, and an amino acid acylated with a fatty acid, provided that said organic and amino acids are branched, unsaturated, or both.

A method of making a superparamagnetic fluid, including providing an aqueous suspension of coated magnetic particles coated with at least one acid selected from the group consisting of an organic acid containing only carbon and hydrogen atoms in the chain connected to the carboxyl group, wherein the chain contains at least 19 carbon atoms, and an amino acid acylated with a fatty acid, provided that said orgaic and amino acids are branched, unsaturated, or both. The coated magnetic particles are then separated from water in the aqueous suspension and then dispersed in a non-polar hydrocarbon oil carrier liquid to form a superparamagnetic fluid.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 67329-09-3, Lumequeic acid
(in magnetic particle coating for superparamagnetic fluid)
RN 67329-09-3 USPATFULL

CN 21-Triacontenoic acid, (21Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L8 ANSWER 12 OF 17 USPATFULL on STN

ACCESSION NUMBER:	90:65575 USPATFULL
TITLE:	Skin treatment composition
INVENTOR(S):	Bowser, Paul A., Merseyside, United Kingdom Froling, Albert, Vlaardingen, Netherlands Heslinga, Lammert, Maassluis, Netherlands Houtsmuller, Udo M. T., Vlaardingen, Netherlands Nugteren, Diederik H., Rhoon, Netherlands Pabon, Hendrik J. J., Vlaardingen, Netherlands Prottey, Colin, Merseyside, United Kingdom
PATENT ASSIGNEE(S):	Conopco, Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 4950688		19900821	
APPLICATION INFO.:	US 1983-505005		19830616	(6)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1982-17413	19820616
	GB 1982-17414	19820616
	GB 1982-20442	19820714

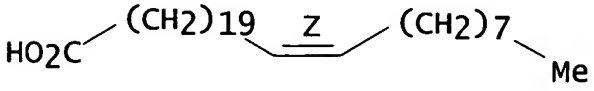
DOCUMENT TYPE:	Utility
FILE SEGMENT:	Granted
PRIMARY EXAMINER:	Ore, Dale R.
LEGAL REPRESENTATIVE:	Honig, Milton L.
NUMBER OF CLAIMS:	6
EXEMPLARY CLAIM:	1
LINE COUNT:	932

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition suitable for topical application to human skin comprises, in addition to a suitable vehicle and a perfume, an active ingredient which can control skin barrier functions. The active ingredient is (a) a long chain ω-hydroxy fatty acid or a carboxy-substituted derivative, (b) an hydroxy- or epoxy-derivative of an essential fatty acid or an ester formed between (a) and (b). Certain novel compounds of structures (a), (b) and (a)(b) esters are also claimed.

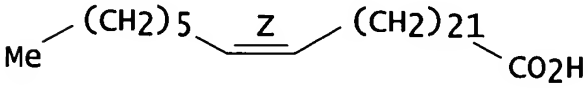
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 67329-09-3 89022-39-9 89022-40-2
89022-41-3
(for topical cosmetic and pharmaceutical compns.)
RN 67329-09-3 USPATFULL
CN 21-Triacontenoic acid, (21Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



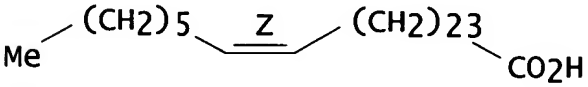
RN 89022-39-9 USPATFULL
CN 23-Triacontenoic acid, (23Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



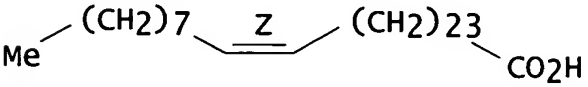
RN 89022-40-2 USPATFULL
CN 25-Dotriacontenoic acid, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 89022-41-3 USPATFULL
CN 25-Tetratriacontenoic acid, (25Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L8 ANSWER 13 OF 17 USPATFULL on STN
ACCESSION NUMBER: 86:51096 USPATFULL
TITLE: Salts of alkenylsuccinic monoesters
INVENTOR(S): Yamashita, Osamu, Utsunomiya, Japan
Moriyama, Noboru, Utsunomiya, Japan
Ootani, Shoji, Oosaka, Japan
Wasamoto, Katsuyo, Wakayama, Japan
PATENT ASSIGNEE(S): KAO Corporation, Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4611087		19860909
APPLICATION INFO.:	US 1983-548097		19831102 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1982-195636	19821108
	JP 1982-229555	19821224

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Trousof, Natalie
ASSISTANT EXAMINER: Clarke, Vera C.
LEGAL REPRESENTATIVE: Oblon, Fisher, Spivak, McClelland & Maier
NUMBER OF CLAIMS: 1
EXEMPLARY CLAIM: 1
LINE COUNT: 654
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel salts of alkenylsuccinic monoesters represented by the following formulas (I) or (II): ##STR1## in which R.sub.1 represents a hydrocarbon group, R.sub.2 represents a hydrogen atom or a methyl group, A represents an alkylene group having from 2 to 4 carbon atoms, B represents a carbonyl group or a methylene group, M is a monovalent or divalent cation.

The monoesters can be emulsion-polymerized under optimum conditions while varying the hydrophilic and oleophilic balance depending on the type of monomer because they have hydrophobic hydrocarbon groups and oleophilic carboxylate groups and ether bonds of polyalkyleneoxy groups.

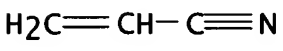
The compounds according to the invention are an excellent reactive surface active agent, and also useful as an improver or modifier for polymer because they can impart hydrophilicity to hydrophobic resins when they are used in larger amounts as in the case of reactive surface active agents employed for ordinary.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 97851-70-2
(latexes, mech. stable and water-resistant)
RN 97851-70-2 USPATFULL
CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with 2-aminoethanol compd. with α-(3-carboxytetracosenyl-1-oxopropyl)-ω-(2-

propenyloxy)poly(oxy-1,2-ethanediyl) (1:1), 2-ethylhexyl 2-propenoate
and 2-propenenitrile (9CI) (CA INDEX NAME)

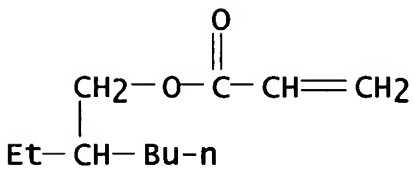
CM 1

CRN 107-13-1
CMF C3 H3 N



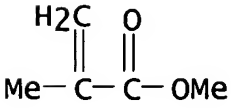
CM 2

CRN 103-11-7
CMF C11 H20 O2



CM 3

CRN 80-62-6
CMF C5 H8 O2

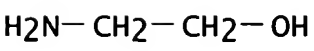


CM 4

CRN 97851-69-9
CMF C2 H7 N O . (C2 H4 O)n C31 H56 O4

CM 5

CRN 141-43-5
CMF C2 H7 N O

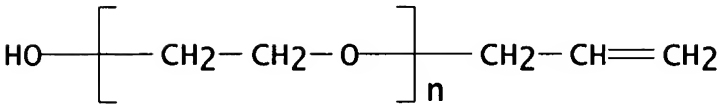


CM 6

CRN 97851-68-8
CMF (C2 H4 O)n C31 H56 O4
CCI IDS, PMS
CDES 8:ID

CM 7

CRN 27274-31-3
CMF (C2 H4 O)n C3 H6 O
CCI PMS

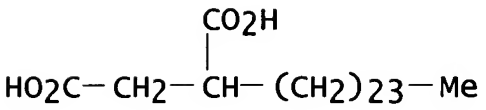


CM 8

CRN 97851-67-7
CMF C28 H52 O4
CCI IDS
CDES *

CM 9

CRN 97851-66-6
CMF C28 H54 O4



L8 ANSWER 14 OF 17 USPATFULL on STN
ACCESSION NUMBER: 81:19050 USPATFULL
TITLE: Polyprenyl derivatives
INVENTOR(S): Mishima, Hiroshi, Hiromachi, Japan
Ogiso, Akira, Hiromachi, Japan
Kobayashi, Shinsaku, Hiromachi, Japan
PATENT ASSIGNEE(S): Sankyo Company Limited, Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4260551		19810407
APPLICATION INFO.:	US 1979-11514		19790212 (6)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1977-807913, filed on 20
Jun 1977, now abandoned which is a division
of Ser. No.

US 1975-633097, filed on 18 Nov 1975, now patented,
Pat. No. US 4059641
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Myers, Jane S.
ASSISTANT EXAMINER: Hendriksen, L.
LEGAL REPRESENTATIVE: Frishauf, Holtz, Goodman & Woodward
NUMBER OF CLAIMS: 32
EXEMPLARY CLAIM: 1
LINE COUNT: 1527

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Polyprenyl derivatives having the formula ##STR1## in which R.sup.1 and R.sup.2 may be the same or different and each represents hydrogen atom, hydroxyl group, an alkoxy group having 1-8 carbon atoms, an aliphatic acyloxy group having 2-18 carbon atoms, an aromatic acyloxy group or an araliphatic acyloxy group having 2-3 carbon atoms in the aliphatic acyl moiety, R.sup.3 represents hydrogen atom, an alkyl group having 1-8 carbon atoms, an aliphatic acyl group having 2-18 carbon atoms, an aromatic acyl group or an araliphatic acyl group having 2-3 carbon atoms in the aliphatic acyl moiety, n is an integer of 1-4 and, when n is an integer of 2-4, R.sup.2 's may be the same or different; provided that, when n is 1 or 2, at least one of R.sup.1 and R.sup.2 's is hydroxyl group, an alkoxy group, an aliphatic acyloxy group, an aromatic acyloxy group or an araliphatic acyloxy group. These derivatives are useful as medicines for treating peptic ulcer.

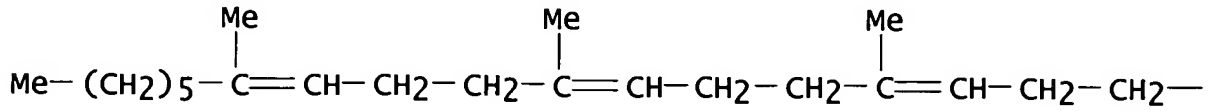
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

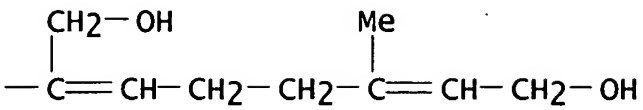
IT 64218-22-0P
(preparation of)

RN 64218-22-0 USPATFULL

CN 2,6-Octadiene-1,8-diol, 6-methyl-2-(4,8,12-trimethyl-3,7,11-octadecatrienyl)- (9CI) (CA INDEX NAME)

PAGE 1-A





L8 ANSWER 15 OF 17 USPATFULL on STN
ACCESSION NUMBER: 80:12811 USPATFULL
TITLE: Polyprenyl derivatives
INVENTOR(S): Mishima, Hiroshi, Tokyo, Japan
Ogiso, Akira, Tokyo, Japan
Kobayashi, Shinsaku, Tokyo, Japan
PATENT ASSIGNEE(S): Sankyo Company Limited, Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4192953		19800311
APPLICATION INFO.:	US 1979-1162		19790104 (6)

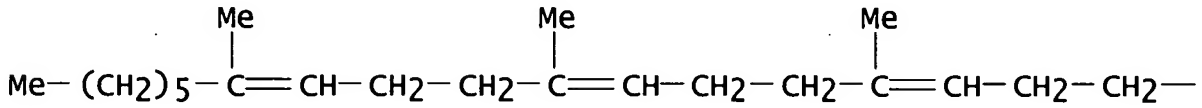
RELATED APPLN. INFO.: Division of Ser. No. US 1977-807913, filed on 20 Jun 1977, now abandoned which is a division of Ser. No. US 1975-633097, filed on 18 Nov 1975, now patented, Pat. No. US 4059641
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Mars, Howard T.
LEGAL REPRESENTATIVE: Frishauf, Holtz, Goodman & Woodward
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
LINE COUNT: 1492
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Polyprenyl derivatives having the formula ##STR1## in which R.sup.1 and R.sup.2 may be the same or different and each represents hydrogen atom, hydroxyl group, an alkoxy group having 1-8 carbon atoms, an aliphatic acyloxy group having 2-18 carbon atoms, an aromatic acyloxy group or an araliphatic acyloxy group having 2-3 carbon atoms in the aliphatic acyl moiety, R.sup.3 represents hydrogen atom, an alkyl group having 1-8 carbon atoms, an aliphatic acyl group having 2-18 carbon atoms, an aromatic acyl group or an araliphatic acyl group having 2-3 carbon atoms in the aliphatic acyl moiety, n is an integer of 1-4 and, when n is an

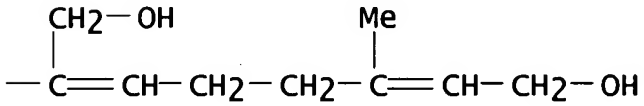
interger of 2-4, R.sup.2 's may be the same or different; provided that,
when n is 1 or 2, at least one of R.sup.2 and R.sup.2 's is hydroxyl
group, an alkoxy group, an aliphatic acyloxy group, an aromatic acyloxy
group or an araliphatic acyloxy group. These derivatives are useful as
medicines for treating peptic ulcer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 64218-22-0P
(preparation of)
RN 64218-22-0 USPATFULL
CN 2,6-Octadiene-1,8-diol, 6-methyl-2-(4,8,12-trimethyl-3,7,11-octadecatrienyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L8 ANSWER 16 OF 17 USPATFULL on STN

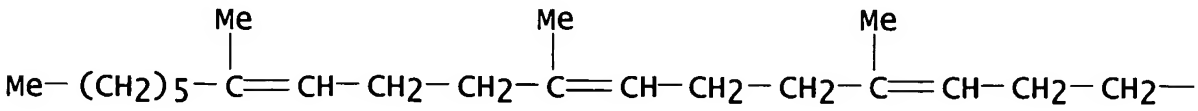
ACCESSION NUMBER:	77:61750 USPATFULL		
TITLE:	Polyprenyl derivatives		
INVENTOR(S):	Mishima, Hiroshi, Hiromachi, Japan Ogiso, Akira, Hiromachi, Japan Kobayashi, Shinsaku, Hiromachi, Japan		
PATENT ASSIGNEE(S):	Sankyo Company Limited, Tokyo, Japan (non-U.S. corporation)		
	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4059641		19771122
APPLICATION INFO.:	US 1975-633097		19751118 (5)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Helfin, Bernard		
LEGAL REPRESENTATIVE:	Flynn & Frishauf		
NUMBER OF CLAIMS:	11		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1465		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

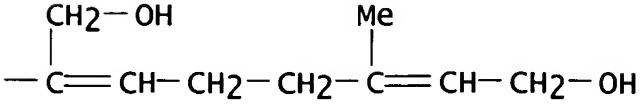
AB Polyprenyl derivatives having the formula ##STR1## in which R.sup.1 and R.sup.2 may be the same or different and each represents hydrogen atom, hydroxyl group, an alkoxy group having 1-8 carbon atoms, an aliphatic acyloxy group having 2-18 carbon atoms, an aromatic acyloxy group or an araliphatic acyloxy group having 2-3 carbon atoms in the aliphatic acyl moiety, R.sup.3 represents hydrogen atom, an alkyl group having 1-8 carbon atoms, an aliphatic acyl group having 2-18 carbon atoms, an aromatic acyl group or an araliphatic acyl group having 2-3 carbon atoms in the aliphatic acyl moiety, n is an integer of 1-4 and, when n is an integer of 2-4, R.sup.2 's may be the same or different; provided that, when n is 1 or 2, at least one of R.sup.1 and R.sup.2 's is hydroxyl group, an alkoxy group, an aliphatic acyloxy group, an aromatic acyloxy group or an araliphatic acyloxy group. These derivatives are useful as medicines for treating peptic ulcer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 64218-22-0P
(preparation of)
RN 64218-22-0 USPATFULL
CN 2,6-Octadiene-1,8-diol, 6-methyl-2-(4,8,12-trimethyl-3,7,11-octadecatrienyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L8 ANSWER 17 OF 17 USPATFULL on STN
ACCESSION NUMBER: 72:33974 USPATFULL
TITLE: PREPARATION OF OLEFINS VIA PT-SN CATALYST

10/518,091

INVENTOR(S):	Schell, Raymond A., Berkley, MI, United States Kehoe, Lawrence J., Huntington Woods, MI, United States		
PATENT ASSIGNEE(S):	Ethyl Corporation, New York, NY, United States		
	NUMBER	KIND	DATE
PATENT INFORMATION:	US 3674889		19720704
APPLICATION INFO.:	US 1970-49161		19700623 (5)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1968-776788, filed on 18 Nov 1968, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Gantz, Delbert E.		
ASSISTANT EXAMINER:	O'Keefe, Veronica		
LEGAL REPRESENTATIVE:	Johnson; Donald L.		
NUMBER OF CLAIMS:	16		
LINE COUNT:	271		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

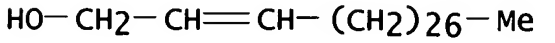
AB A process for preparing unsaturated organic compounds by reacting an allylic alcohol and a ketone or aldehyde in the presence of carbon monoxide using a hydrohalo acid of a Group VIII metal/germanium or tin salt combination catalyst is described. The unsaturated organic compounds are principally hydrocarbon olefins having a molecular weight greater than the allylic alcohol reactant.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 36727-42-1
(reaction of, with carbonyl compds. in presence of carbon monoxide, for manufacture of polyunsatd. olefins, catalysts for)

RN 36727-42-1 USPATFULL

CN 2-Triaconten-1-ol (9CI) (CA INDEX NAME)



=>